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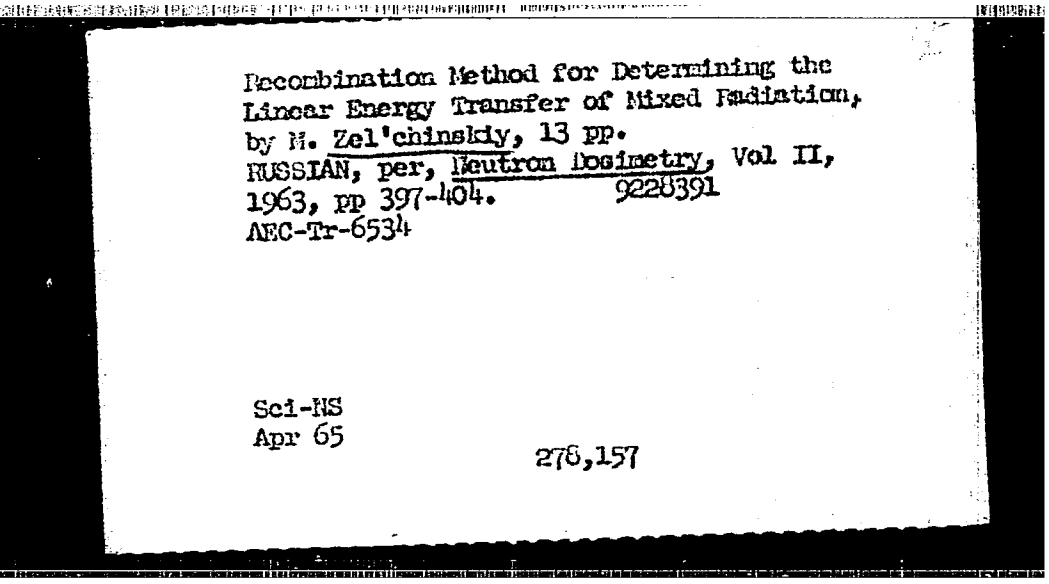

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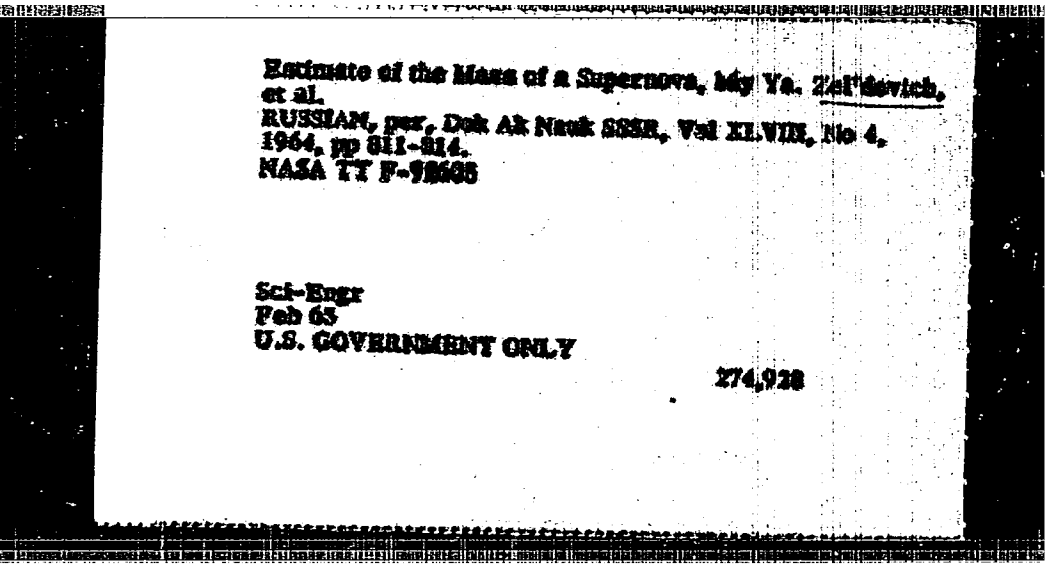

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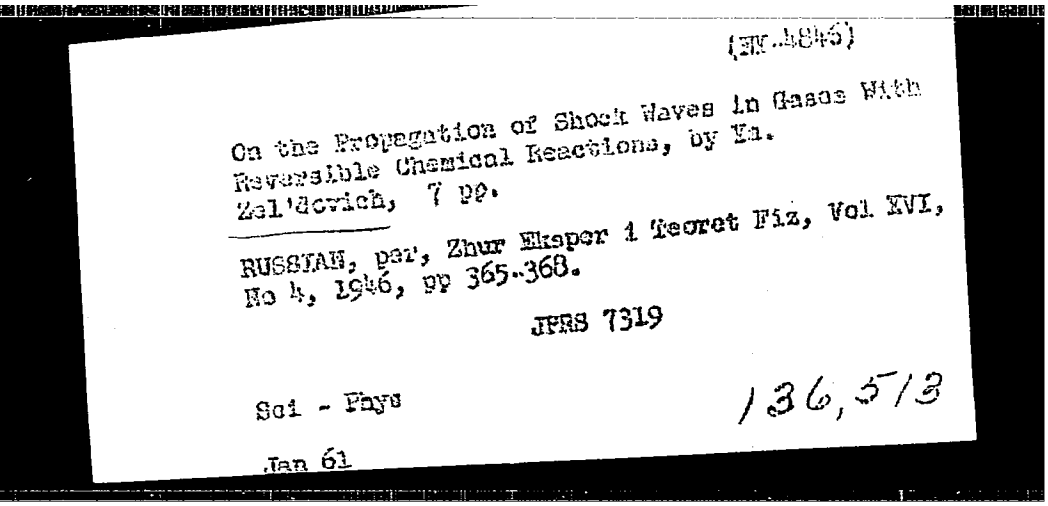

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DESCRIPTORS: *Heat, Distribution, *Thermal conductivity, Heat tolerance, Temperature, Theory, Mathematical analysis, Partial differential equations, Stars, Theory.

(Physics--Thermodynamics, TT, v. 8, no. 7)

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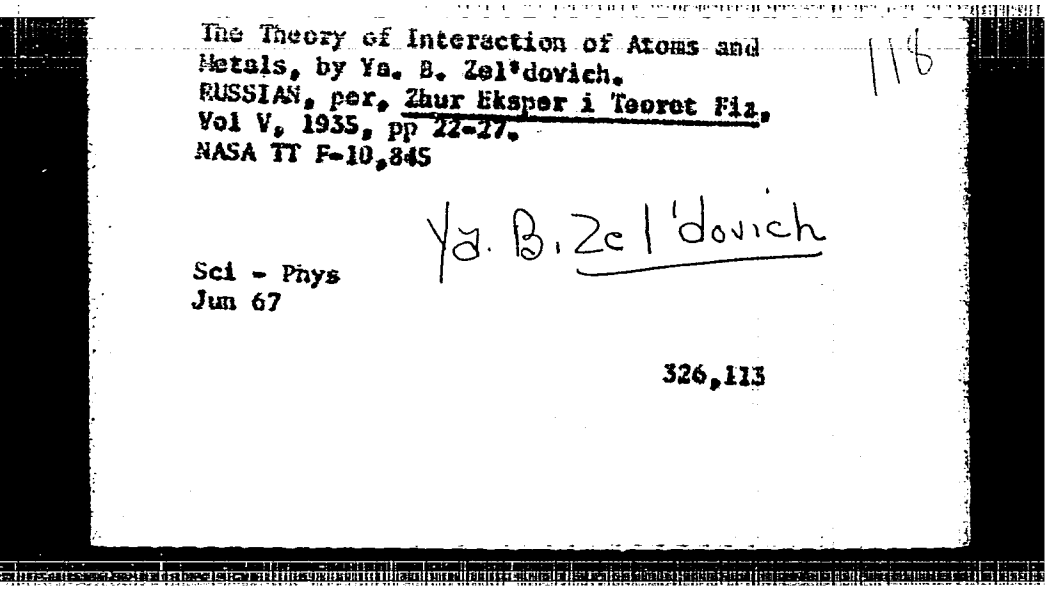

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KINETICS OF CHEMICAL REACTIONS IN FLAMES: THE THEORY OF FLAME PROPAGATION. I. [AND] RATIONAL FORMULAE FOR THE DEPENDENCE OF THE FLAME VELOCITY ON THE PARAMETERS. II (Kinetika Khimicheskikh Reaktsii v Plamenakh).
Aug 47 [31]p. 38 refs. BISI-318; [DSIR LLU] M.2773.
Order from OTS or SLA $3.60 61-23306

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Another translation of pt. I is available from SLA as RT-402.

DESCRIPTORS: *Reaction kinetics, Chemical reactions, Flames, *Flame propagation, Propagation, Mathematical analysis.

A theory of flame propagation is developed and the behaviour of the chain processes taking place in the flames is investigated. The basis of the method of
(Chemistry--Physical, TT, v. 6, no. 6) (over)

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III. Title: Theory ...
IV. Title: Rational ...
V. BISI-318
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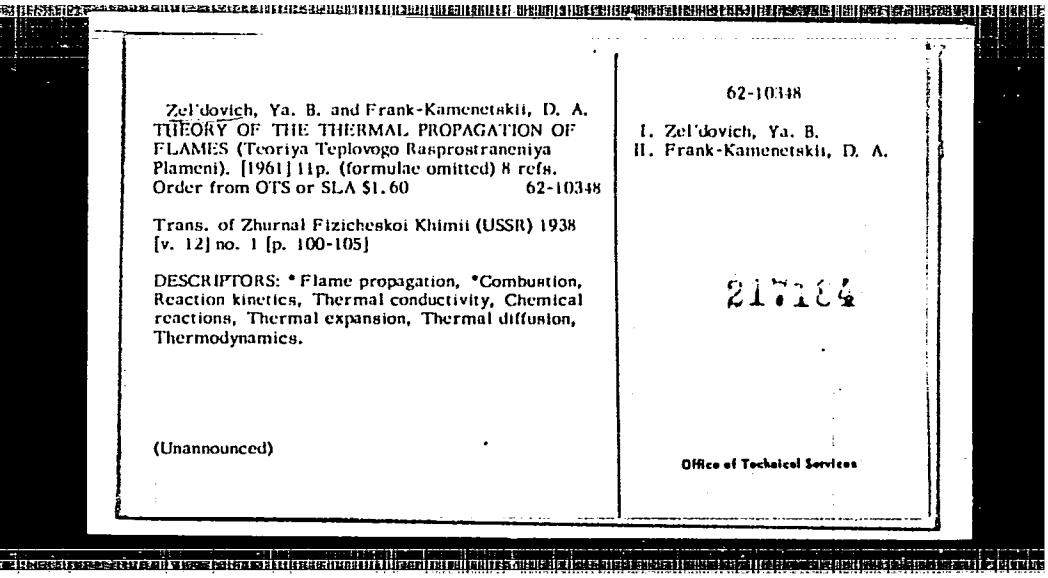

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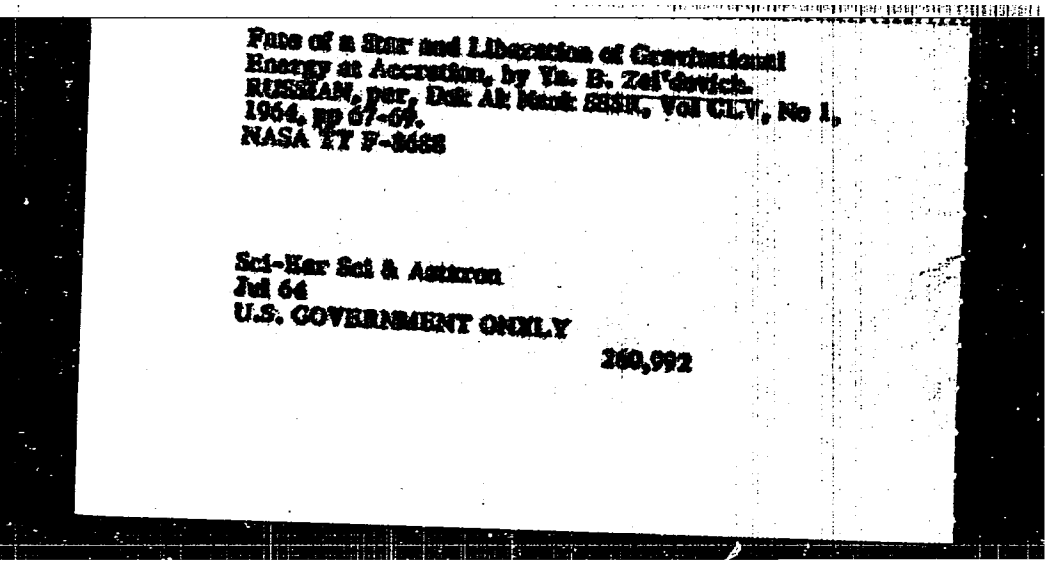

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